

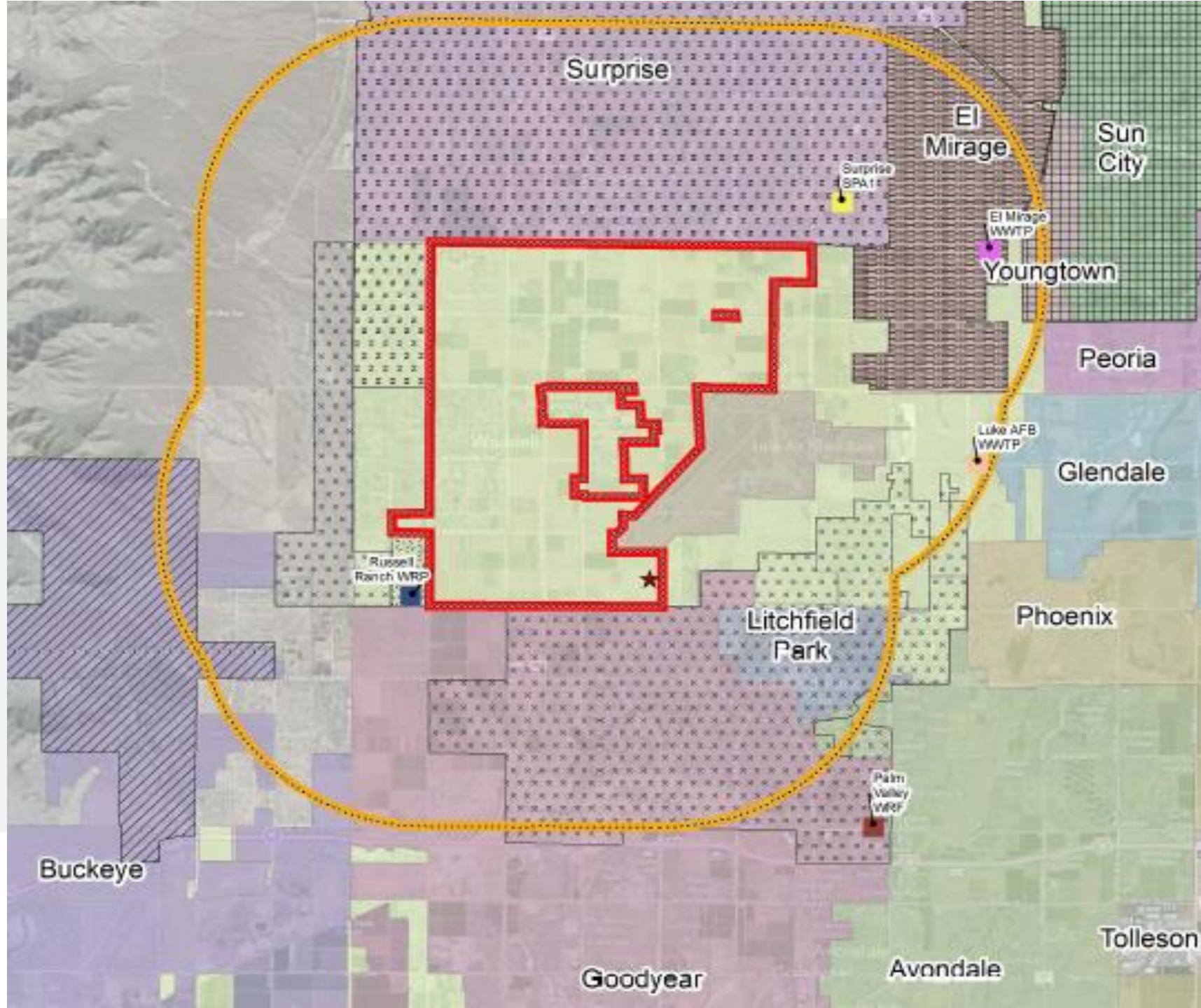
Maricopa Association of Governments  
Water Quality Advisory Committee  
October 21, 2014

# West Valley Regional Water Reclamation Facility

Sponsors:

City of Glendale  
Maricopa County





# 208 Amendment Timeline

Date	Milestone
12 / 2013	<ul style="list-style-type: none"><li>• 208 amendment sent to municipalities within 3 mile radius</li></ul>
4 / 2014	<ul style="list-style-type: none"><li>• Letters of No Objection received from all municipalities</li></ul>
5 / 2014	<ul style="list-style-type: none"><li>• City of Glendale &amp; Maricopa County sponsored the amendment</li><li>• Water Quality Advisory Committee 1<sup>st</sup> presentation</li><li>• WQAC authorized public hearing for amendment</li></ul>
8 / 2014	<ul style="list-style-type: none"><li>• WQAC public hearing, 2<sup>nd</sup> presentation &amp; open discussion</li><li>• WQAC voted to table the amendment</li></ul>
9 / 2014	<ul style="list-style-type: none"><li>• West Valley City Managers meeting at Glendale</li><li>• EPCOR discussions with CAGRD and Liberty Utilities</li><li>• One-on-one discussions with interested members</li></ul>
10 / 2014	<ul style="list-style-type: none"><li>• Letters from CAGRD, Liberty and EPCOR to MAG</li><li>• 3<sup>rd</sup> Presentation to WQAC, seeking approval to forward the 208 amendment to the MAG Management Committee</li></ul>



# Benefits of the Loop 303 Project

- Proposed wastewater service area is at the western end of the Glendale Municipal Planning Area
- Regulated water and sewer service will help:
  - Foster economic development of the Loop 303 Corridor
  - Contribute to the growth of Glendale's economy
- Recharging and reusing the reclaimed water from the WVRWRF is consistent with Glendale's long-range sustainable water supply plan



# How will this new wastewater service area affect existing EPCOR customers?

- There is no impact to existing customers
- The new service area will have its own tariff
- The plant and collection system will be funded by developer advances, contributions, and private capital



# Were other regional wastewater treatment solutions considered?

- Yes, but no other options satisfied all of the evaluation criteria
- Sending the effluent out of Glendale's MPA is not an acceptable water resource management option
- The initial investment required to design and build new conveyance facilities would be too high
- Current and projected O&M costs are not competitive
- No unallocated excess capacity in the 99<sup>th</sup> Ave interceptor





# Can the effluent be sent to an existing Regional WRF for treatment?

- Sending the effluent away results in a net loss to the long-term water supply for Glendale and possibly the West Valley as a whole
- This area does not have a designation of assured water supply
- On-site recharge helps ensure the physical availability of groundwater resources
- Local reuse of reclaimed water reduces demands on groundwater and Central Arizona Project supplies



## What about concerns regarding the proximity of the two recharge facilities, and the PGA North and South plumes?

- CAGRD, Liberty Utilities and EPCOR met on September 23<sup>rd</sup> to discuss recharge
- Jointly agreed to address these issues within the framework and jurisdiction of the Arizona Department of Water Resources groundwater recharge program
- USF applications have been filed with ADWR for both facilities since the last MAG WQAC meeting
- EPCOR is coordinating with responsible parties for the PGA North and South plumes to evaluate potential hydrologic interactions





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QUESTIONS?

